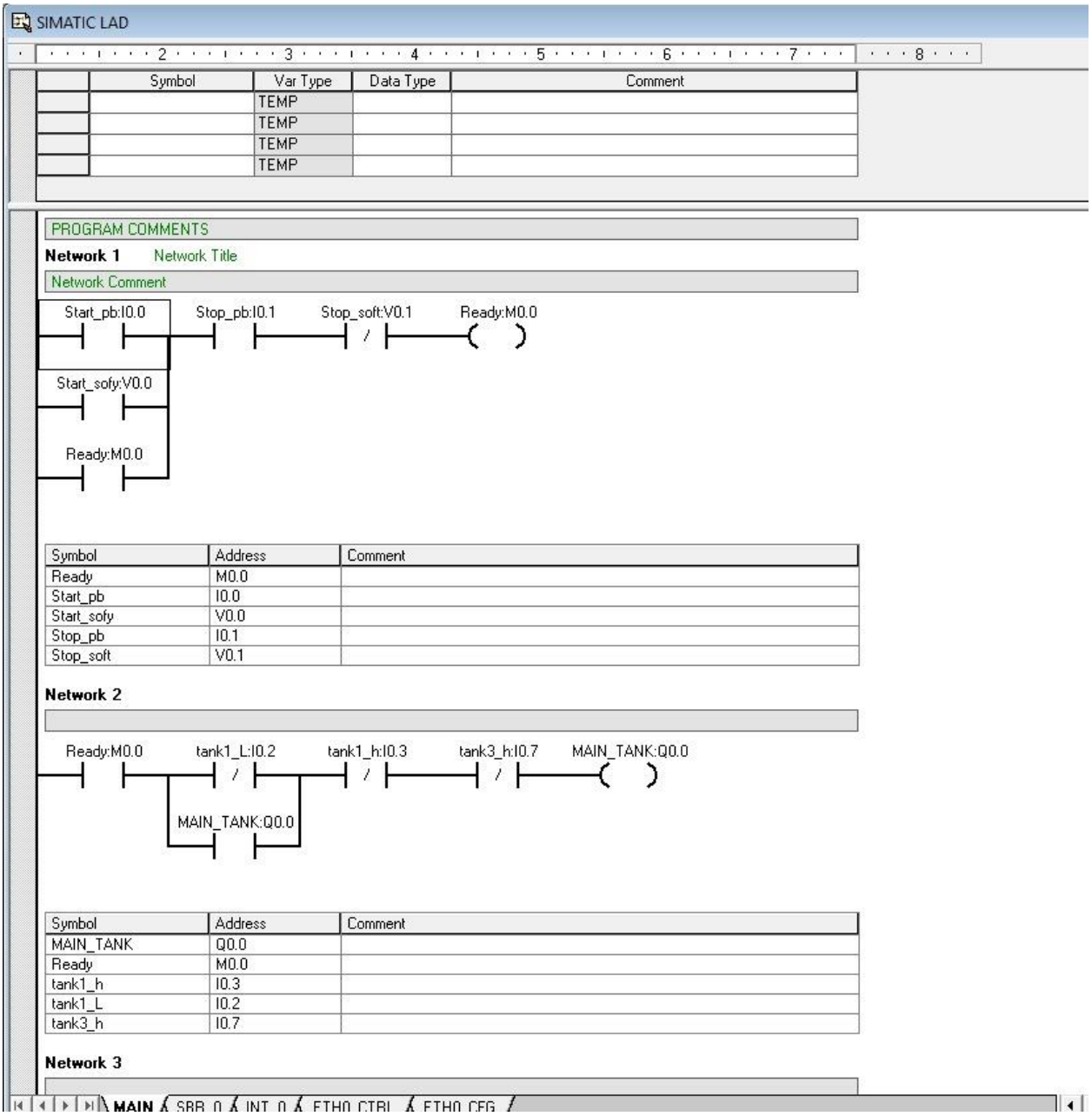
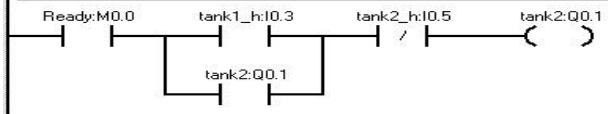
Coding with Ladder Diagram:

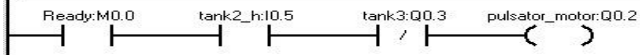


Network 3



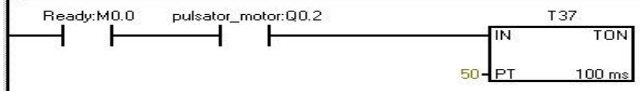
Symbol	Address	Comment
Ready	M0.0	
tank1_h	I0.3	
tank2	Q0.1	
tank2_h	I0.5	

Network 4



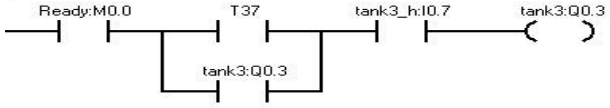
Symbol	Address	Comment
pulsator_motor	Q0.2	
Ready	M0.0	
tank2_h	I0.5	
tank3	Q0.3	

Network 5



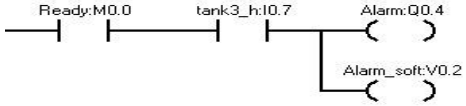
Symbol	Address	Comment
pulsator_motor	Q0.2	
Ready	M0.0	

Network 6

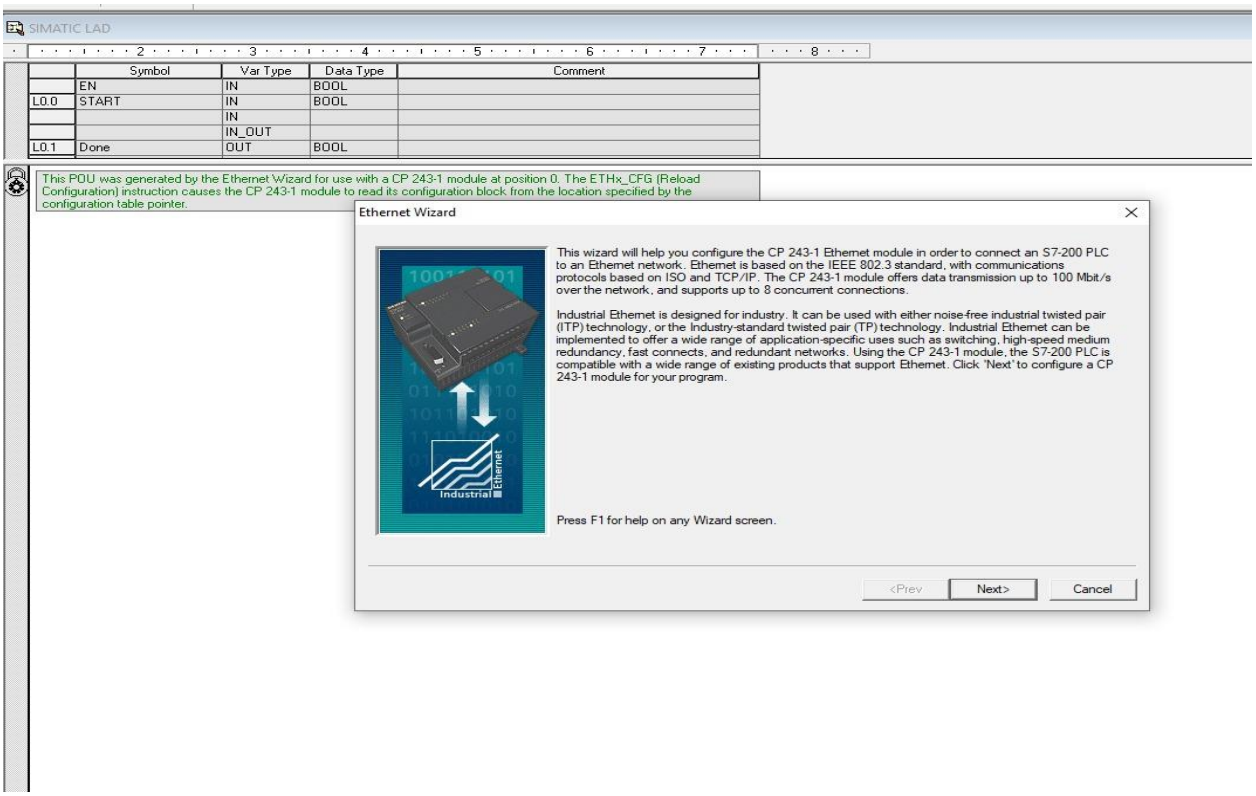


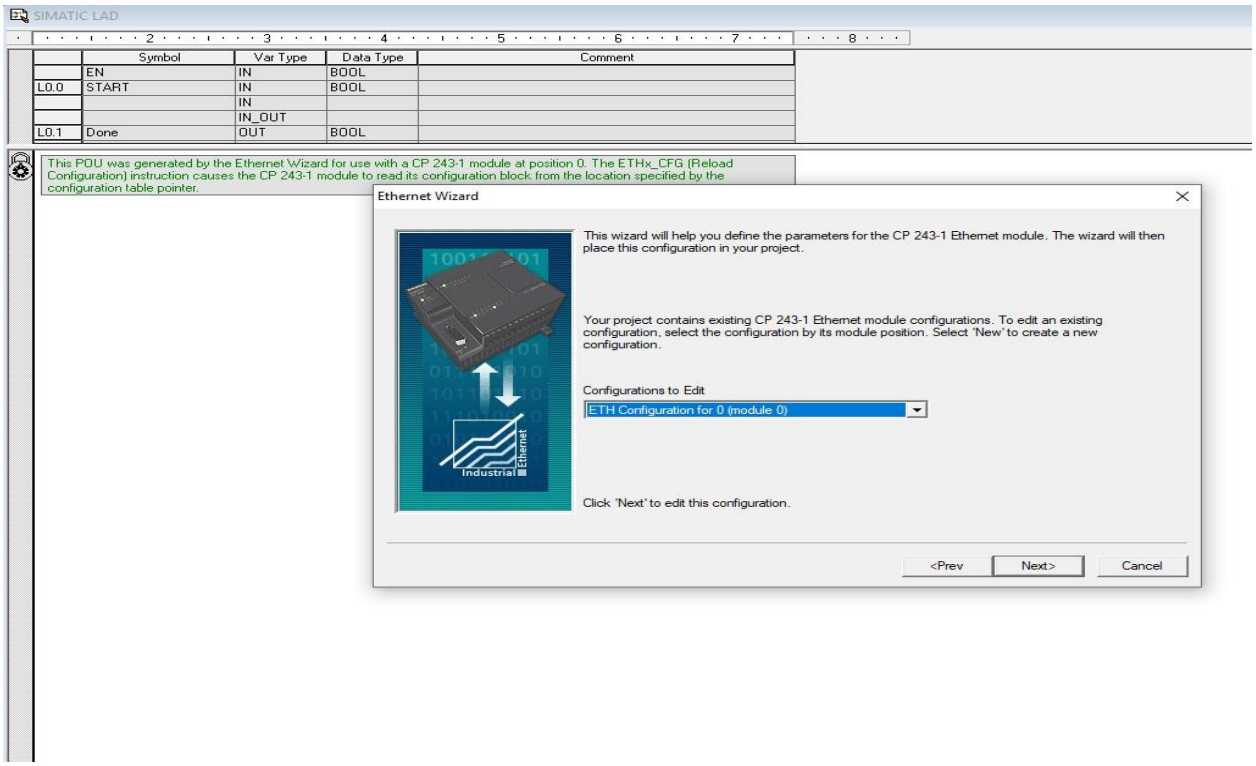
Symbol	Address	Comment
Ready	M0.0	
tank3	Q0.3	
tank3_h	I0.7	

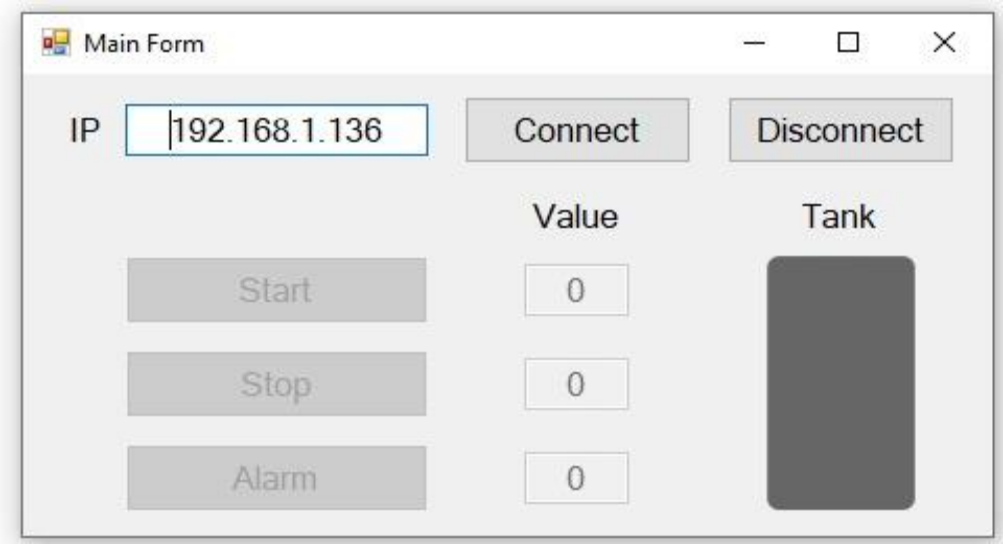
Network 7



Symbol	Address	Comment
Alarm	Q0.4	
Alarm_soft	V0.2	
Ready	M0.0	
tank3_h	I0.7	


SIMATIC LAD
Symbol
Var Type
Data Type
Comment
EN
IN
BOOL
L0.0
START
IN
BOOL
IN
IN_OUT
L0.1
Done
OUT
BOOL
This POU was generated by the Ethernet Wizard for use with a CP 243-1 module at position 0. The ETHx_CFG (Reload Configuration) instruction causes the CP 243-1 module to read its configuration block from the location specified by the configuration table pointer.
Ethernet Wizard
This wizard will help you configure the CP 243-1 Ethernet module in order to connect an S7-200 PLC to an Ethernet network. Ethernet is based on the IEEE 802.3 standard, with communications protocols based on ISO and TCP/IP. The CP 243-1 module offers data transmission up to 100 Mbit/s over the network, and supports up to 8 concurrent connections.
Industrial Ethernet is designed for industry. It can be used with either noise-free industrial twisted pair (ITP) technology, or the Industry-standard twisted pair (TP) technology. Industrial Ethernet can be implemented to offer a wide range of application-specific uses such as switching, high-speed medium redundancy, fast connects, and redundant networks. Using the CP 243-1 module, the S7-200 PLC is compatible with a wide range of existing products that support Ethernet. Click 'Next' to configure a CP 243-1 module for your program.
Press F1 for help on any Wizard screen.
<Prev
Next>
Cancel


SIMATIC LAD
Symbol
Var Type
Data Type
Comment
EN
IN
BOOL
L0.0
START
IN
BOOL
IN
IN_OUT
L0.1
Done
OUT
BOOL
This POU was generated by the Ethernet Wizard for use with a CP 243-1 module at position 0. The ETHx_CFG (Reload Configuration) instruction causes the CP 243-1 module to read its configuration block from the location specified by the configuration table pointer.
Ethernet Wizard
This wizard will help you define the parameters for the CP 243-1 Ethernet module. The wizard will then place this configuration in your project.
Your project contains existing CP 243-1 Ethernet module configurations. To edit an existing configuration, select the configuration by its module position. Select 'New' to create a new configuration.
Configurations to Edit
ETH Configuration for 0 (module 0)
Click 'Next' to edit this configuration.
<Prev
Next>
Cancel


Main Form
IP
192.168.1.136
Connect
Disconnect
Value
Tank
Start
0
Stop
0
Alarm
0